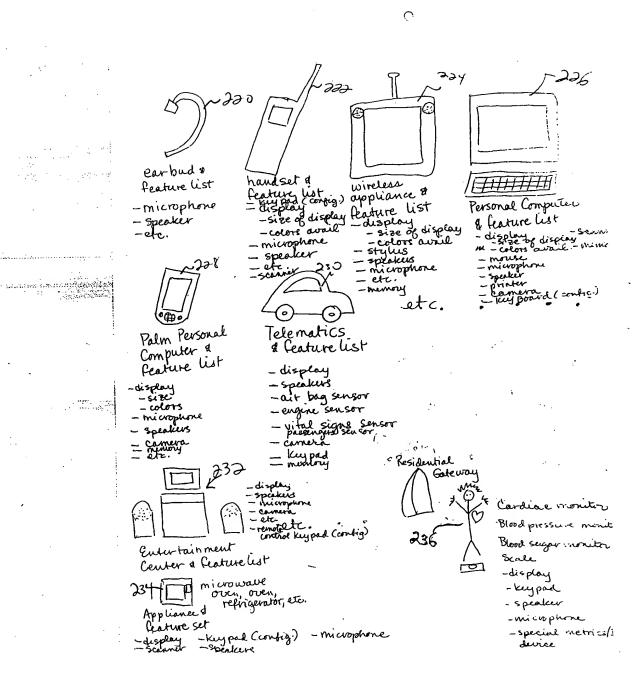


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Complex	return interface or 1000 common interface
	righting - signaling path - in band path
	netroork interface  nemony & TTS acoustic 100b
	Jose VIV ITS engines 2000 translation plat form/ engines Speech processing unit
	José Magnifim databales  Tros Call Clow databales  TTS databases
	goi platform, svCs, clatabase 200 h
	= Text to Speech.

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	System Statem	)atabase		
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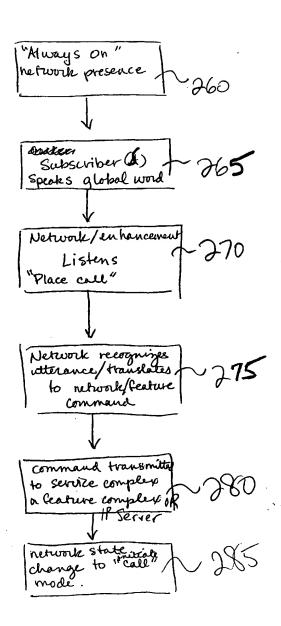
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FIG. 58

F16,50 carbud message-speech (synthesized or recorded) "Menu- Hold, conference, as play message, or voice mail." text, display, video, etc. handset messey Menu - hold - conference - play mag - voice mail - other 500 service/feature piatform/ 100 18 server Speech processing unit

Fig 6 A



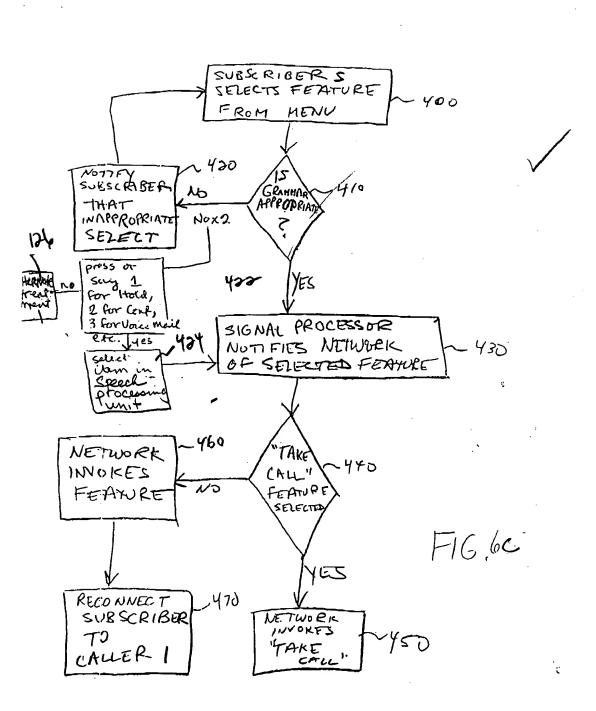
F16.6A

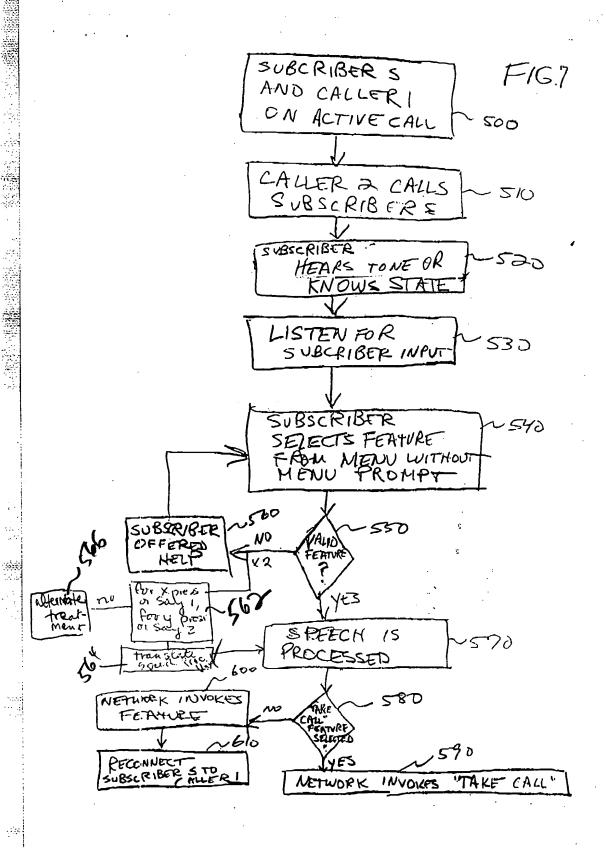
~300 JUBSCRIBER S AND CALLER I ON ACTIVE CALL CALLERIZ CALLS SUBSCRIBER IS TONE/KNOWS STATE NETWORK/"ENHANCEMENT" LISTEN SUBSCRIBER S'SAR "MENU 35<sup>0</sup> SPEECH PROCESSOR RE COGNIZES SUBSCRIBER INPUT CENTRAL OFFICE NOTIFIED ~ 360 THAT "MENU" SELECTED CENTRAL OFFICE TRANSMITS MENU ITEMS TO SPEECH PROCESSOR TTS PROCESSES TEXT AND PLAYS AU DIO WITH MENN SELECTIONS

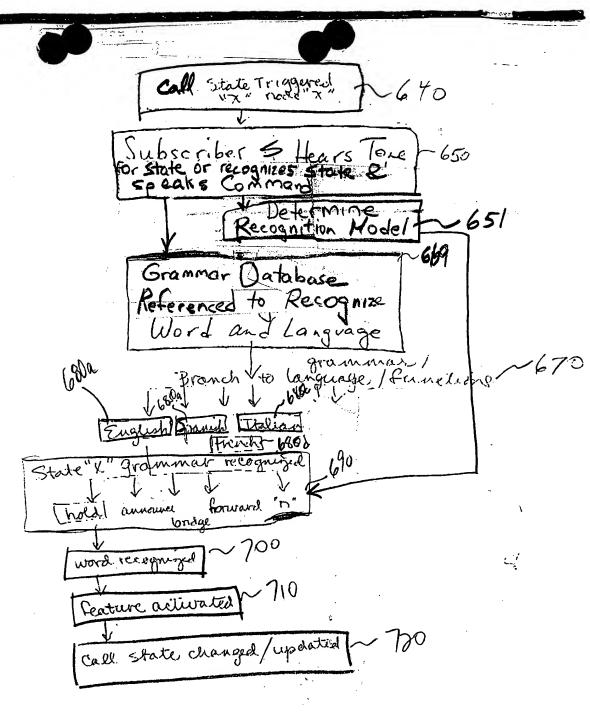
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Fig. 6B

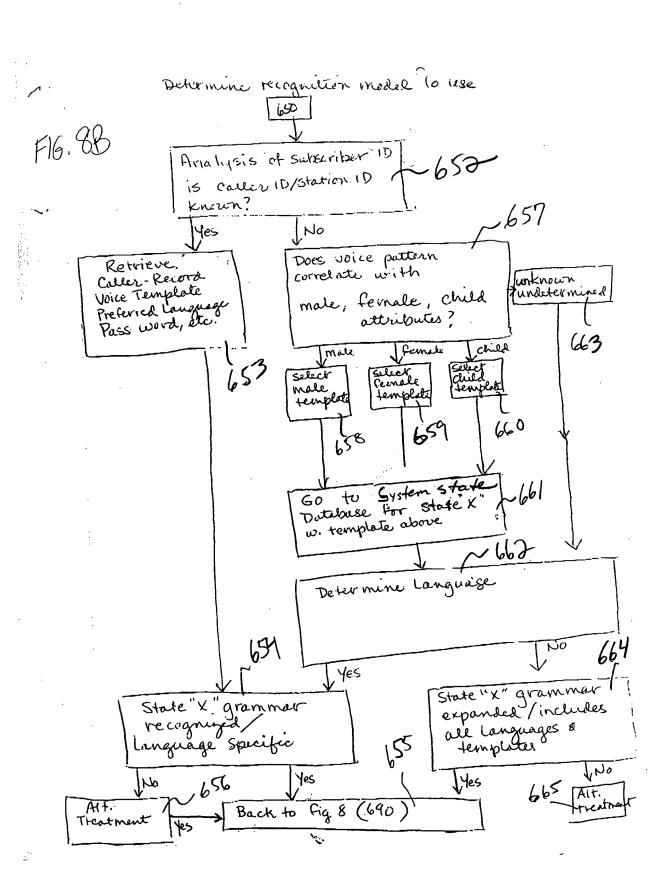
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F16.8A





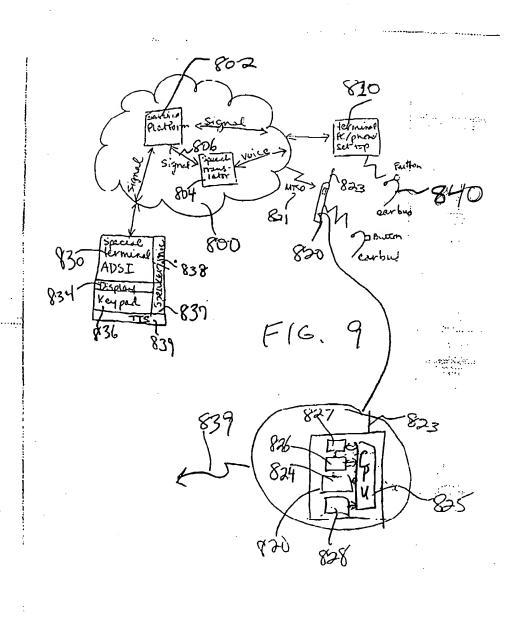


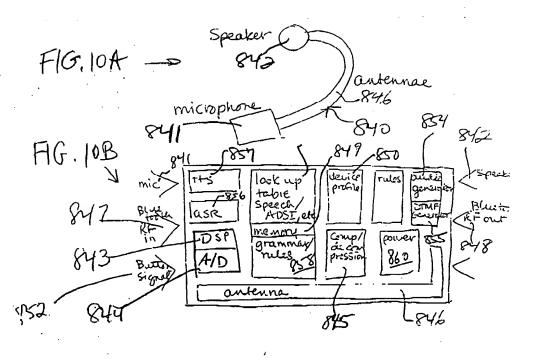
## Caller-Record Database

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			<b>V</b>		
Cuiter-ID/ Station-LD	Cust 1D	Voice Template	Passical/ Key	Pref.	Eusscripton Tukernation
732555-1111	0231	File 0231	tur tie_		access
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F16, 8C



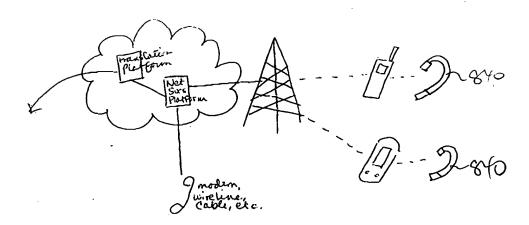


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80	2 Network Service 1975	50 8°21 11€m	dest Headens
-: C 11A	msy to mtso for good 900	insudset a head set ade with profile: 988	However to hand son
H6.11A	115) payload 912	profile of karding	namical linked to hardest reinge and 916 "Call Gram 752-
1	mag to MTSO For	signal to subscriber	is anybody there?
F16.11B	Subscriber-Signal 420 request mag	handset sheadset ack.  with profiles	"I'm here operated with sandie
(10.110	msg payload 932	transmit payload 934	tical sit 936 - dispusy from cluster text head sit uses
	meg to MTSO for	signal to subscriber	TTS to play out is 930
F16. 11C	subscriber signal	Subscriber responds w. profile/TTS engine on booking	
	msg payload 918	translate projected to best many transcripted territy	hentest ise TTS to play de comprocesse  o meserge 953
FIG. III	msg to MTSC for 960 subsciriber signal 960 request msg. 966	signal to subscribing	2 96r
,	msg. payload 96	transmit translated poi	<b>&gt;</b>

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F16. 12

Network/Internet Subscriber Tele Service Platform Pc/set top box, 802 Dialogue in	phone Handset Headset (optional) 840
Thave signal msg.  2008   Thore signal msg.  signal msg.  2008   Thore hDSI (example)   orofile/Acle/no ADSI phone	Relay to hand set Relay to head set Features available
(Albeit reply)	ASE/word Spot/ check grammar  Relay text or Translate text Gromy Speech a Relay.  1280  1270
F16. 13	

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